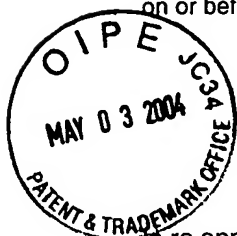
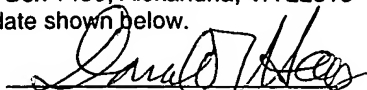


PATENT
TH1778 (US)
DFH:EM

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on or before the date shown below.




Donald F. Haas

Date: April 29, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)

STEVEN E. BREWER, ZAIDA DIAZ,)
JOSEPH B. POWELL, PAUL R. WEIDER,)
GLENN C. KOMPLIN, and)
ROBERT L. BLACKBOURN)

Serial No. 10/676,690)

Group Art Unit: 1621

Filed October 1, 2003)

METHOD FOR REMOVAL OF MW176)
CYCLIC ACETAL FORMED DURING THE)
PRODUCTION OF 1,3-PROPANEDIOL)

April 29, 2004

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

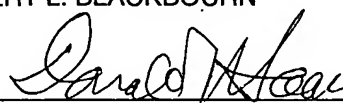
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

For the foreign language document, an English language abstract is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

STEVEN E. BREWER, ZAIDA DIAZ,
JOSEPH B. POWELL, PAUL R. WEIDER,
GLENN C. KOMPLIN, and
ROBERT L. BLACKBOURN

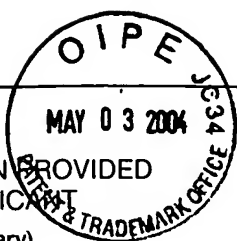
By 
Attorney, Donald F. Haas
Registration No. 26,177
(713) 241-3356

P.O. Box 2463
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
TH1778APPLICATION NUMBER
10/676,690APPLICANT
S. E. Brewer et al.FILING DATE
October 1, 2003GROUP ART UNIT
1621

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	0,983,985 A2	3/8/00	Europe (English Abstract)	C07C	29/90		
	AM	WO 00/14041	3/16/00	World	C07C	29/141		
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.